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PATENT ABSTRACTS OF JAPAN

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(30) Priority:	(71) Applicant: ASAHI GLASS CO LTD
(43) Date of application publication: 26.05.83	(72) Inventor: MIYAKE HARUHISA SUGAYA YOSHIO ASAWA TATSURO
(84) Designated contracting states:	(74) Representative:

(54) SEPARATION OF LIQUID MIXTURE

(57) Abstract:

PURPOSE: To use a high molecular membrane obtained from a solution prepared by dissolving a carboxylic acid type fluorinated copolymer in a hydrophilic org. solvent, in a method for separating a mixture containing an org. liquid according to vapor separation.

CONSTITUTION: In separating or concentrating a mixture comprising org. liquids or an org. liquid and water according to vapor separation, when a high molecular membrane, which is formed from a solution prepared by dissolving a copolymer consisting of a fluorinated ethylenic monomer and a carboxylic acid group containing ethylenic monomer (pref., fluorine contained one) in a hydrophilic org. solvent containing a small amount of water, is used, the efficiency of separation or concn. is enhanced and a permeation speed is also made fast. A separation temp. is selected from a

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range of 0W200°C and pressure from a
range of vacuum W100kg/cm2.

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